

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date:	19.02.27	Job No.:	SE18-578-01	ADR Yes/No:	N	ADR Date:		ECN #:	19- 549
Product No.:	D350-578	Created By:	PM	Approved By:					
Product Name:	Blade Shim Addition (Bear Paw)			Checked By:	SAD				

Reason for Change:
Bolt length needed to be reduced.

Documents Released:
DSI 9812 Rev. B
MDL-D350-578 Rev. L

IF APPLICABLE: NCR: _____ PAR: _____ CAR: CAR18-275 CIR: _____ URF: 19-549
PAPERWORK UPDATE ☒ PARTS MUST COMPLY ☒ PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	Y	EL		
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	Y	MG	URF 19-549 Closed.	19.03.05
6	Update Master Document List (MDL)	Y	PM	MDL-D350-578 Rev. L	19.03.05
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MG		19.03.05
12	Update Product Specification Files (Bluefiles)	Y	MG	Add DSI 9812 Rev. B	19.03.05
13	Update Approved/Preliminary Dwg PDF Files	Y	MG		19.03.05
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	N			
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	Y	MG	DSI 9812-011 @ CHG 002	19.03.05
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	Y	MG		19.03.05
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	MG		19.03.05
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

This DSI is to update the hardware for correct bolt length and corrosion resistance.
Close URF 19-549.
Close CAR18-275

Update hardware for any DSI 9812-011 kits in stock per DSI 9812 Rev. B.
Add DSI 9812 Rev. B to any DSI 9812-011 kits in stock and to the website.

Add DSI 9812-011 to D350-578-015/-017/-115/-117 kits in stock (ref. ECN 18-818)
Add S118-3 to D350-578-015/-017/-115/-117 kits in stock (ref. ECN 18-818)
Update pick kit of D350-578-015/-017/-115/-117 to include DSI 9812-011

ECN Verified & Complete:

Date:

S113862 = Job 192239 (D350-578-015)

S119824 = Job R192462 (D350-578-017)

H:\Forms\Engineering\approved online eng\ECNrevAD.xls

S134900, S157097 = Job R192463 (D350-578-115)

S105210 = Job 192468 (RA393)

DONE

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ENGINEERING CHANGE NOTICE **DART AEROSPACE LTD**

Date:	18.11.09	Job No.:	SE18-578-01	ADR Yes/No:	Y	ADR Date:	18.11.09	ECN #:	18- 818
Product No.:	D350-578	Created By:	RF	Approved By:	<i>[Signature]</i>				
Product Name:	Bearpaw Installation	Checked By:	<i>[Signature]</i>						

Reason for Change: Address CAR18-275

Documents Released:
D5702 Rev. A
DSI 9812 Rev. A
MDL-D350-578 Rev. K
SB18-3 Rev. A

IF APPLICABLE: NCR: _____ PAR: _____ CAR: 18-275 CIR: _____ URF: 18-818

PAPERWORK UPDATE ☒ PARTS MUST COMPLY ☒ PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	Y	EL	N/A until trial fit is done	
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	Y	RF	MDL-D350-578 Rev. K	<i>mdf 18.11.13</i>
7	Update Document Record (DR)	N			
8	Update Product Compatability Matrix	Y			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	KJ		<i>mdf 18.11.13</i>
12	Update Product Specification Files (Bluefiles)	Y	KJ	Add DSI 9812	<i>mdf 18.11.13</i>
13	Update Approved/Preliminary Dwg PDF Files	Y	KJ		<i>mdf 18.11.13</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	<i>xy</i>	<i>mg</i>		<i>mdf 18.11.14</i>
17	Update / Verify Authorized Release Certificate Database	Y	KJ	For DSI 9812-011 Kit	<i>mdf 18.11.14</i>
18	Create / Update Change Record Form / Item Card Database	Y	KJ	DSI 9812-011 @ CHG 001	<i>mdf 18.11.14</i>
19	Create / Update Packaging Process Plan (PPP)	Y	KJ		<i>mdf 18.11.14</i>
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	Y	<i>mg</i>		<i>mdf 18.11.14</i>
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	<i>mg</i>		<i>mdf 18.11.14</i>
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

- Create BOM/route for D5702 Rev. A and DSI 9812-011 Rev. A
- Manufacture a DSI 9812-011 Kit for customer trial
- If customer trial is sucessful:
 - Add DSI 9812-011 to D350-578-015/-017/-115/-117 Kits in stock
 - Add DSI 9812 Rev. A to Product Specifications + Website
- Close CIR18-275

+ Add SB18-3 to product specifications & kits in stock

1 stl - 578117
URF 19-549
02.16

ECN Verified & Complete: *qf* Date: *19/2/15*